Ontario Ministry of Northern Development and Mines

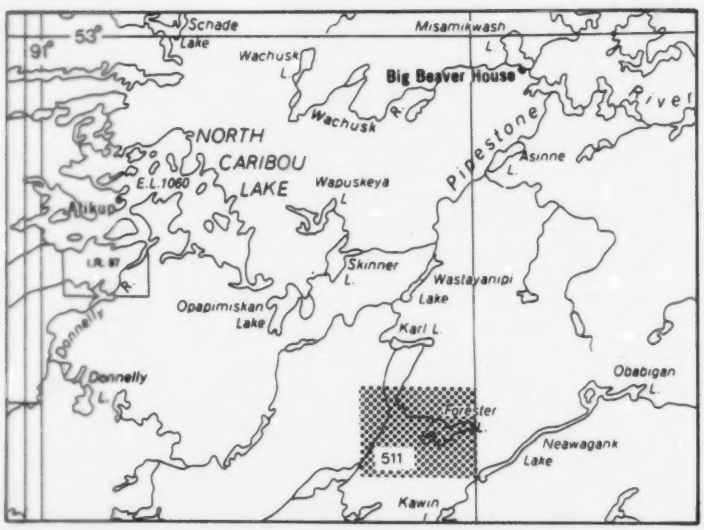
Mines and Minerals Division

ONTARIO GEOLOGICAL SURVEY

GEOLOGICAL DATA INVENTORY FOLIO 511

FORESTER LAKE AREA

Compiled by the Staff of
the Resident Geologist's Office
Sioux Lookout



LOCATION MAP

Scale: 1:1 013 760 or 1 inch to 16 miles

CANADA ONTARIO Mineral Development Exploitation Minérale

This project is part of the five year Canada–Ontario 1985 Mineral Development Agreement (COMDA), a subsidiary agreement to the Economic and Regional Development Agreement (ERDA) signed by the governments of Canada and Ontario.

90-05614/

NTS Number 53B/08NE

Mining Claim Map Number G-2044

This project was funded under the Canada-Ontario Mineral Development Agreement (COMDA)

STATEMENT: This inventory is unedited. Discrepancies may occur for which the Ontario Geological Survey does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows:

Ontario Geological Survey 1990. Forester Lake Area, Geological Data Inventory Folio 511; compiled by the staff of the Resident Geologist's office, Sioux Lookout.

Original Compilation by: C.J. Proctor and M.O. Joy

Date	Page Revised	Revised by

Date	Page Revised	Revised by

CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

CONVERSION FROM SI TO IMPERIAL			CONVERSION FROM IMPERIAL TO SI		
SI Unit	*Multiplied by*	*Gives*	*Imperial Unit*	*Multiplied by*	*Gives*
		LENGTH			
1 mm	0.039 37	inches	1 inch	**25.4**	mm
1 cm	0.393 70	inches	1 inch	**2.54**	cm
1 m	3.280 84	feet	1 foot	**0.304 8**	m
1 m	0.049 709 7	chains	1 chain	20.116 8	m
1 km	0.621 371	miles (statute)	1 mile (statute)	**1.609 344**	km
		AREA			
1 cm^2	0.155 0	square inches	1 square inch	**6.451 6**	cm^2
1 m^2	10.763 9	square feet	1 square foot	**0.092 903 04**	m^2
1 km^2	0.386 10	square miles	1 square mile	2 589 988	km^2
1 ha	2.471 054	acres	1 acre	0.404 685 6	ha
		VOLUME			
1 cm^3	0.061 02	cubic inches	1 cubic inch	**16.387 064**	cm^3
1 m^3	35.314 7	cubic feet	1 cubic foot	0.028 316 85	m^3
1 m^3	1.308 0	cubic yards	1 cubic yard	0.764 555	m^3
		CAPACITY			
1 L	1.759 755	pints	1 pint	0.568 261	L
1 L	0.879 877	quarts	1 quart	1.136 522	L
1 L	0.219 969	gallons	1 gallon	**4.546 090**	L
		MASS			
1 g	0.035 273 96	ounces (avdp)	1 ounce (avdp)	28.349 523	g
1 g	0.032 150 75	ounces (troy)	1 ounce (troy)	**31.103 476 8**	g
1 kg	2.204 62	pounds (avdp)	1 pound (avdp)	**0.453 592 37**	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	907.184 74	kg
1 t	1.102 311	tons (short)	1 ton (short)	**0.907 184 74**	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	1016.046 908 8	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	1.016 046 908 8	t
		CONCENTRATION			
1 g/t	0.029 166 6	ounce (troy) ton (short)	1 ounce (troy) ton (short)	34.285 714 2	g/t
1 g/t	0.583 333 33	pennyweights ton (short)	1 pennyweight ton (short)	1.714 285 7	g/t

OTHER USEFUL CONVERSION FACTORS

1 ounce (troy)/ton (short)	20.0	pennyweights/ton (short)
1 pennyweight/ton (short)	0.05	ounce (troy)/ton (short)

One gram(g) per tonne is equivalent to one part per million (1 ppm).

NOTE–Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

For further information please contact:

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ACCOMPANYING MAPS

Files Index Map 1

Exploration Data Map 1

ABBREVIATIONS LIST

A.F.R.O.	Assessment Files Research Office (Toronto)
Ann. Rept., (A.R.)	Annual Report
A.R.I.P.	Aggregate Resources Inventory Paper
Bull.	Bulletin
C.I.M.M.	Canadian Institute of Mining and Metallurgy
C.J.E.S.	Canadian Journal of Earth Sciences
C.M.J.	Canadian Mining Journal
Econ. Geol.	Economic Geology
E.M.R.	Department of Energy, Mines and Resources
E.P.B.	Earth Physics Branch
G.A.C.	Geological Association of Canada
GC	Geological Circular
GDIF	Geological Data Inventory Folio
Geol.	Geology
Geol. Soc. Amer. Bull	Geological Society of America Bulletin
GR	Geoscience (Geological) Report
GSC	Geological Survey of Canada
I.L.S.G.	Institute on Lake Superior Geology
IMR	Industrial Mineral Report
I.O.C.	Report of the Iron Ore Committee (1923)
Jour. (or J)	Journal
MDC	Mineral Deposit Circular
M.D.I. (R)	Mineral Deposit Inventory (Record)
Mem	Memoir
MNDM	Ministry of Northern Development and Mines
MNR	Ministry of Natural Resources
M.P.	Miscellaneous Paper
MRC	Mineral Resources Circular
N.M.I.	National Mineral Inventory
NOEGTS	Northern Ontario Engineering Geology Terrain Study
NTS	National Topographic System
O.B.M.	Ontario Bureau of Mines
O.D.L.F.	Ontario Department of Lands and Forests
ODM	Ontario Department of Mines
ODMNA	Ontario Department of Mines and Northern Affairs
OFR	Open File Report
O.G.S.	Ontario Geological Survey
P.R.	Preliminary Report
Prelim. (or P)	Preliminary
R.C.	Royal Commission on Mineral Resources of Ontario (1890)
S.M.D.R.	Source Mineral Deposit Record
Sum. Rept.	Summary Report

DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this area. If no reference data was found the appropriate box is marked 'no'; if reference data was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

	SOURCES OF DATA	Data	Initial
1	Resident Geologist's Office Files	YES	CJP
2	Assessment Files Research Office, Toronto	NO	CJP
3	ODM General Index: 9 Volumes	YES	CJP
4	Catalogue of Airborne Geophysical Surveys (ODM)	NO	CJP
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	NO	CJP
6	ODM Industrial Mineral Reports	NO	CJP
7	Bibliography of Post Precambrian Thesis - Karrow (ODM MP 1)	NO	CJP
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)	NO	CJP
9	Newspaper Clippings File	NO	CJP
10	GSC Index to Publications	YES	CJP
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	YES	CJP
12	OGS Index Maps	YES	CJP
13	Source Mineral Deposit Records (O G S)	YES	CJP
14	Author - Subject Articles File	NO	CJP
15	Miscellaneous Papers ODM & OGS	YES	CJP
16	ODM Geological Circulars OGS Study Series	NO	CJP
17	ODM Preliminary Reports ODM Bulletins	NO	CJP
18	ODM - OGS Open File Reports	YES	CJP
19	OGS Northern Ontario Engineering Geology Terrain Studies	NO	CJP
20	OGS Aggregate Resources Inventory Papers	NO	CJP
21	OGS Mineral Potential Maps	YES	CJP
22	Drill Core Library Catalogue	NO	CJP
23	Unpublished Theses	NO	CJP
24	Aerial Photographs filed in Sioux Lookout Office	NO	CJP

METALS AND MINERALS REFERENCES LIST

△ anh. . . . . .Anhydrite
△ ank. . . . . .Ankerite
△ anna . . . . . Annabergite
△ ap. . . . . .Apatite
△ arg . . . . . Argentite
△ As . . . . . .Arsenic
△ asp . . . . . .Arsenopyrite
△ asb . . . . . .Asbestos
△ ba. . . . . .Barite
△ be. . . . . Beryl
△ Bi. . . . . .Bismuth
△ bn . . . . . .Bornite
△ bran . . . . . .Brannerite
△ bruc . . . . . .Brucite
△ Cd . . . . . Cadmium
△ calc. . . . . Calcite
△ carb . . . . . .Carbonate
△ cel . . . . . .Celestite
△ cc. . . . . .Chalcocite
△ cp. . . . . .Chalcopyrite
△ ch. . . . . .Chert
△ clay . . . . . .Clay
▲ Co . . . . . Cobalt
△ cob. . . . . Cobaltite
△ cb. . . . . .Columbite
▲ Cu . . . . . .Copper
△ cor . . . . . Corundum
△ dol . . . . . Dolomite
△ ep. . . . . Epidote
△ ery . . . . . Erythrite
△ fel . . . . . .Feldspar
△ fl . . . . . .Fluorite (flurospar)
△ fu. . . . . .Fuchsite
△ gn. . . . . .Galena
△ gt . . . . . .Garnet
△ goe . . . . . .Goethite
▲ Au . . . . . Gold
△ gf . . . . . .Graphite
△ gl . . . . . Gravel
△ gyp. . . . . .Gypsum
△ hem . . . . . Hematite
△ il . . . . . .Ilmenite
△ Fe . . . . . .Iron
△ IF. . . . . Iron Formation
△ jas . . . . . Jasper
△ kaol . . . . . .Kaolinite (kaolin)
△ ky . . . . . Kyanite
△ Pb . . . . . Lead
△ lim . . . . . Limonite
△ Li. . . . . Lithium
△ mgst . . . . . Magnesite
△ mag . . . . . Magnetite
△ mc . . . . . Malachite
△ Mn . . . . . Manganese
△ mb . . . . . Marble
△ mar. . . . . Marcasite
△ ma . . . . . .Marl
△ mi . . . . . Mica
△ ml . . . . . Millerite
△ mo . . . . . Molybdenite
▲ Mo . . . . . .Molybdenum
△ mon . . . . . Monazite
△ ne. . . . . Nephelite (nepheline)
△ nc. . . . . .Niccolite
▲ Ni. . . . . Nickel
△ Nb . . . . . .Niobium
△ Pd . . . . . .Palladium
△ peat . . . . . .Peat
△ pent . . . . . Pentlandite
△ Pt. . . . . .Platinum
△ py . . . . . .Pyrite
△ pyl . . . . . Pyrochlore
△ pyrl . . . . . .Pyrolusite
△ po . . . . . .Pyrrhotite
△ q . . . . . Quartz
△ qcv . . . . .Quartz carbonate vein
△ ra. . . . . .Radioactive minerals
△ RE . . . . . .Rare Earths
△ sd. . . . . Sand
△ sgl . . . . . Sand and gravel
△ ss . . . . . .Sandstone
△ scap . . . . . Scapolite
△ shee . . . . . .Scheelite
△ serp . . . . . Serpentine
△ sh. . . . . Shale
△ sid . . . . . Siderite
△ si . . . . . Silica
▲ Ag . . . . . .Silver
△ sl . . . . . Slate
△ sm . . . . . .Smaltite
△ sod . . . . . Sodalite
△ spec . . . . . Specularite
△ sp. . . . . .Sphalerite
△ spd . . . . . .Spodumene
△ staur . . . . . .Staurolite
△ stib. . . . . Stibnite
△ st . . . . . .Stone
△ talc. . . . . .Talc
△ Te . . . . . Tellurium
△ td. . . . . Tetrahedrite
△ th. . . . . .Thorite
△ Th . . . . . .Thorium
△ thuc . . . . . Thucholite
△ ti . . . . . Titanite
△ Ti. . . . . Titanium
△ tour . . . . . .Tourmaline
△ trap . . . . . .Trap rock
△ W. . . . . Tungsten
△ uran . . . . . Uraninite
△ U . . . . . .Uranium
△ verm . . . . . .Vermiculite
△ Y . . . . . Yttrium
△ Zn . . . . . .Zinc
△ zr . . . . . Zircon

Solid triangles indicate metal and mineral occurrences shown on the accompanying maps.

MINERAL OCCURRENCES

Map Ref. Letter	(see Exploration Data Map) Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
A	FORESTER LAKE (RIO TINTO)	Cu,Ag,Au, Ni,Co,Mo	MDI KP0194		- Au,Ni,Co,Mo (minor occurrences) - OFR 5180, p.62-68 - Sample assayed 0.04% Cu, 2.4 g/t (0.07 oz/ton) Ag, Trace Au - OGS Report 207, p.35-36 - Map 2218
B	UNNAMED (FRED'S ZONE)	Au,Cu			- Grab sample in epiclastics assayed 2000ppb Au and 1.49% Cu - Map P.3081 - Resident Geologist's Office File (53B/08NE-0015)

TYPE OF WORK (see files Index Map) EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE		Numbers below represent the year in which the work was done; e.g., 68 for 1968																		
Ref. No on Map	COMPANY/AUTHOR (file number)	GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY			
1	INCO L. (53B/08NE-0010-A1)				62															
2	RIO TINTO CANADIAN EXPL. (53B/08NE-0011)	63				63							63							
3 and 4	INCO L. (53B/08NE-0010-B1)				61/62															
5	RIO TINTO CANADIAN EXPL. (53B/08NE-0010-C1)				63	63														
6	RIO TINTO CANADIAN EXPL. (53B/08NE-0012)	62																		
7	ONTARIO L. (581356) (53B/08NE-0013)	84										84	84							
8	ESSO RESOURCES CAN. LTD. (53B/08NE-0014)			87																
9	ESSO MINERALS CAN. LTD. (53B/08NE-0015) *(2.11265)	88	88			88						88	88							

*Toronto File Number

TYPE OF WORK (see files Index Map) EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE		Numbers below represent the year in which the work was done; e.g., 68 for 1968																		
Ref. No on Map	COMPANY/AUTHOR (file number)	GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY			
10	ESSO MINERALS CAN. LTD. (53B/08NE-0016)				88	87														
11	ESSO MINERALS CAN. LTD. (53A/05NW-0032) *(2.11523)											88	88							
12	ESSO MINERALS CAN. LTD. (53B/08NE-0017)				88															
13	ESSO MINERALS CAN. LTD. (53B/08NE-0018) *(2.11756)											88	88							

*Toronto File Number

DRILLHOLE SUMMARY

Drilling Location Number on Map	(see Exploration Data Map) Company Name	Company Drillhole Number	Date Drilled Completed	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
1	INCO L.	15791	1962	South	-46	26.0	409.0	py,po,asp	--
2		15778	1961	South	-45	26.2	89.0	py	--
3		15779	1961	South	-38	59.9	121.0	py,po	--
4		15790	1962	North	-43	133.0	804.0	py,po	--
5	RIO TINTO CANADIAN EXPL.	WF-2	1963	S72W	-60	18.0	68.7	gf,po,gt,py, cp	Au,Cu
6		WF-1	1963	N72E	-45	0.5	77.0	po,py,cp	Au,Cu,Ni
7	ESSO MINERALS CAN. LTD.	FO88-14	1988	360	-45	1.4m	112.17m	po,cp	Au
8		FO88-1	1988	3	-48	5.49m	79.25m	gt,po,cp	Au,Zn
9		FO88-2	1988	360	-45	25.69m	51.82m	gt,po,asp,cp	Au,Zn
10		FO88-3	1988	360	-45	7.62m	7.62m	hole abandoned due to sand	
11		FO88-4	1988	183	-45	2.75m	160.02m	po,cp,sp,py	Au,Zn
12		FO88-5	1988	0	-44	15.33m	85.35m	po,mag,cp,py, asp	Au,Zn
13		FO88-6	1988	360	-45	9.51m	118.87m	po,gt,cp,sp, tour	Au,Zn
14		FO88-7	1988	360	-45	39.33m	99.28m	po,py,sp,cp	Au,Zn
15		FO88-8	1988	360	-45	39.32m	121.31m	po,py,cp,mag	Au,Zn
16		FO88-9	1988	1	-44	19.39m	146.00m	asp,cp,gt,po, py	Au,Zn

● —— indicates core stored at Drill Core Library

DRILLHOLE SUMMARY

Drilling Location Number on Map	(see Exploration Data Map) Company Name	Company Drillhole Number	Date Drilled Completed	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
17	ESSO MINERALS CAN. LTD.	FO88-10	1988	357	-45	5.20	66.15m	cp,po,py	Au,Zn
18		FO88-11	1988	352	-44	19.39m	116.13m	po,py,cp,sp, mag,gt	Au,Zn
19		FO88-12	1988	360	-45	15.76m	109.43m	po,cp,tour	Au,Zn
20		FO88-13	1988	360	-45	8.90m	145.39	py,po,cp,tour	Au,Zn

ⓘ —— indicates core stored at Drill Core Library

Number on File Index Map	AIRBORNE GEOPHYSICAL SURVEY DATA — by — for — year	Type of Survey	Flight Altitude	Flight Line Direction	Flight Line Spacing
NO DATA	AS OF FEBRUARY, 1989				

FORESTER LAKE AREA

GEOCHEMICAL SURVEY DATA

(see Exploration Data Map)

Map Sample Site Reference Number	Type of Survey	Analysis For	By	Reference Resident Geologist's Office Files
1	SOIL	Au-MULTI SPECTRAL	ESSO MINERALS CAN. L.	(53B/08NE-0015)

FORESTER LAKE AREA

GEOCHRONOLOGY DATA - AGE DATING

Site	Method	Material	Reference	Result
	NO DATA AS OF FEBRUARY 1989			

AERIAL PHOTOS; MOSAICS; IMAGERY

The following items are available for inspection at the Resident Geologist's office:

(a) Aerial Photographs: NO DATA AS OF FEBRUARY, 1989

(b) Photomosaics:

(c) Satellite Imagery:

TOPOGRAPHIC MAPS (selected)

scale	year	name and/or number	by
1:250,000	1981	NORTH CARIBOU LAKE (53B)	Surveys and Mapping Branch, Dept. of Energy, Mines and Resources
1:50,000	1977	FORESTER LAKE (53B/8)	Surveys and Mapping Branch, Dept. of Energy, Mines and Resources

FORESTER LAKE AREA

NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office.

COMPANY	NEWSPAPER	DATE	PAGE
NO DATA AS OF FEBRUARY, 1989			

ODM GENERAL INDEX SEARCH

Words searched: Pipestone River, Forester Lake

Index Volume	Listing	Report Volume	Part	Page
8	Operation Pickle Lake, Bulging Lake-Embryo Lake and Long Legged Lakes Area	MP 53		p.28

FORESTER LAKE AREA

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
BLACKBURN, C.E. JANES, D.A.	1983	Gold Deposits in Northwestern Ontario, p.206-209 in the Geology of Gold in Ontario, O.G.S. MP 110, 278p.	MP 110	p.206-209
BREAKS, F.W. BARTLETT, J.R. DE KEMP, E.A. et al.....	1984	Opapimiskan Lake Project, Precambrian Geology, Quaternary Geology and Mineral Deposits of the North Caribou Lake Area, District of Kenora, Patricia Portion, p.258-273 in Summary of Field Work, 1983, O.G.S. MP 119, 309p.	MP 119	p.258-273
BREAKS, F.W. BARTLETT, J.R. OSMANI, I.A. FINAMORE, P.F. WALLACE, H.	1985	Opapimiskan Lake Project, Precambrian and Quaternary Geology of the North Caribou Lake Area, District of Kenora, Patricia Portion, p.268-276 in Summary of Field Work, O.G.S. MP 126, 351p.	MP 126	p.268-276
BREAKS, F.W. OSMANI, I.A. DE KEMP, E.A.	1986	Opapimiskan Lake Project-Precambrian Geology of the Opapimiskan-Forester Lakes Area, District of Kenora, Patricia Portion, p.368-378 in Summary of Field Work, O.G.S. MP 132, 435p.	MP 132	p.368-378
BREAKS, F.W. OSMANI, I.A. DE KEMP, E.A.	1987	Precambrian Geology of the Opapimiskan-Neawagank Lakes Area, Western Part (Opapimiskan Lake Project), Kenora District (Patricia Portion), O.G.S. Map P.3080, Geological Series	P.3080	1:31,680
BREAKS, F.W. OSMANI, I.A. DE KEMP, E.A.	1987	Precambrian Geology of the Opapimiskan-Neawagank Lakes Area, Eastern Part (Opapimiskan Lake Project), Kenora District (Patricia Portion), O.G.S. Map 3081, Geological Series	P.3081	1:31,680
DUFFELL, S. MACLAREN, A.S. HOLMAN, R.H.C.	1963	Red Lake-Lansdowne House Area, Northwestern Ontario, Bedrock Geology, Geophysical and Geochemical Investigations, Paper 63-5	GSC Paper 63-5	

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
EMSLIE, R.F. HOLMAN, R.H.C.	1966	The Copper Content of Canadian Shield Rocks, Red Lake-Lansdowne House Area, Northwestern Ontario, Bulletin 130	GSC Bulletin 130	
G.S.C.	1963	North Caribou Lake, Ontario-Geochemistry Copper in Bedrock, Map 53-1963	Map 52-1963	1:253,440
G.S.C.	1970	Sachigo River-Aeromagnetic Compilation Map, Kenora District, P.575	P.575	1"=16 Miles
MEYN, H.D. HOWARTH, J.R.	1977	Molybdenum Deposits of Ontario, Northwestern Sheet, District of Kenora (Patricia Portion), O.G.S. Map P.1244, Mineral Deposits	P.1244	1"=16 Miles 1:1,013,760
O.D.M.	1969	Northern Patricia Portion, District of Kenora, Preliminary Map P.526	P.526	1"=25 Miles 1:1,584,000
O.D.M. G.S.C.	1960	Forester Lake, Kenora District, Ontario, Geophysics Paper	Map 927G	1"=1 Mile
O.D.M. G.S.C.	1973	Big Trout Lake-North Caribou Lake, Geological Compilation Series, Kenora District, Map 2292	Map 2292	1"=4 Miles 1:253,440
O.G.S.	1985	Airborne Electromagnetic and Total Intensity Magnetic Survey, Opapimiskan Lake Area, District of Kenora, Patricia Portion, by Aerodat Ltd., for O.G.S. Geophysical/Geochemical Series, Maps 80749, 80750 and 80751	Maps 80749 80750 80751	1:20,000
OSMANI, I.A. STOTT, G.M.	1988	Project Number 88-23A, Regional-Scale Shear Zones in Sachigo Subprovince and Their Economic Significance, p.53-67 in Summary of Field Work 1988, by the O.G.S., MP 141, 498p.	MP 141	p.53-67

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
PREST, V.K.	1963	Red Lake-Lansdowne House Area, Northwestern Ontario, Surficial Geology, Paper 63-6	GSC Paper 63-6	
ROBERTSON, JAMES A. VOS, M.A. SPRINGER, JANET S.	1976	Mineral Potential Map of Ontario, Northwestern Sheet, O.D.M. Preliminary Map P.1096, Mineral Deposits Series	P.1096	1"=16 Miles 1:1,013,760
SAGE, R.P. BREAKS, F.W.	1976	Operation Pickle Lake, District of Kenora, Patricia Portion and Thunder Bay, O.D.M., O.F.R. 5180, 531p., 2 appendices and 7 charts	OFR 5180	
SAGE, R.P. BREAKS, F.W.	1982	Geology of the Cat Lake-Pickle Lake Area, Report 207, Districts of Kenora and Thunder Bay, O.G.S. Report 207, 238p., accompanied by Map 2218	Report 207 Map 2218	1:253,440
SAGE, R.P. BREAKS, F.W. TROUP, W.R.	1972	Operation Pickle Lake, Bulging Lake-Embryo Lake and Long Legged Lake Areas, District of Kenora (Patricia Portion), p.23-37 in Summary of Field Work, 1972, by the Geological Branch O.D.M., MP53, 165p.	MP 53	p.23-37
SAGE, R.P. BREAKS, F.W. TROUP, W.R.	1973	Operation Pickle Lake, Forester Lake-Wigwascence Lake Sheet, District of Kenora (Patricia Portion), O.D.M. Map P.807, Geological Series	P.807	1"=2 Miles
SPRINGER, JANET S.	1978	Ontario Mineral Potential, North Caribou Lake Sheet, District of Kenora (Patricia Portion), O.G.S. Preliminary Map P.1547, Mineral Deposits Series	P.1547	1:250,000

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
THURSTON, P.C. SAGE, R.P. SIRAGUSA, G.M.	1971	Operation Winisk Lake, Weagamow Lake, District of Kenora (Patricia Portion), O.D.M. and Northern Affairs, Preliminary Map P.711, Geological Series	P.711	1"=2 Miles
VOS, M.A. ABOLINS, T. MCKNIGHT, R.L.W. SMITH, V.	1983	Industrial Minerals of Northern Ontario, Part 2, Parts of District of Manitoulin, Sudbury and Nipissing - Districts of Algoma, Timiskaming, Thunder Bay, Cochrane, Kenora (Patricia Portion), and Rainy River, O.G.S., O.F.R. 5386, 1486p., and 3 figures	OFR 5386	p.1425-1426 p.1429-1430

90°15'

52°30'

9
13

9
13

9
13

12

12

12

7

9
13

7

River

5

2

2

7

Forester

3

1

7

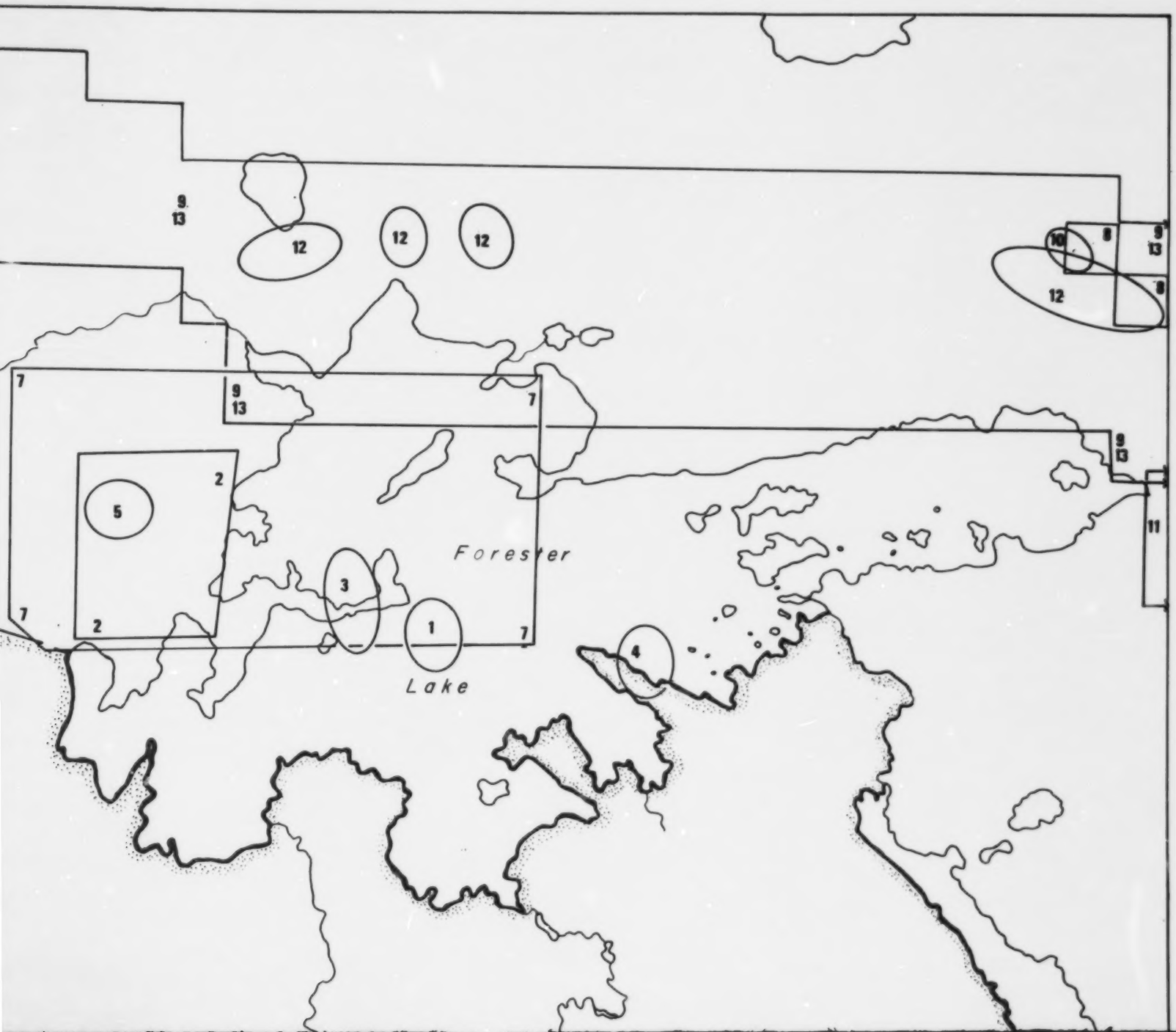
Lake

4

Pipestone

90°00'

52°30



Ministry of Northern Development and Mines

Mines and Minerals Division

Ontario

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 511

(Map 1 of 2)

FORESTER LAKE AREA

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

Pipestone

52°22'30"

90°15'

52°22'30"

90°00'

EXPLORATION DATA FILE AREAS

- Reference number is always inside work area outlined. See listing in text pages.
- Small area of exploration
- File covers whole township or area
- Area of Drilling

90°15'

52°30'

TYPES OF DATA SHOWN ON THIS MAP

GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

- Geochemical sample site, with reference number
- Area of geochemical sampling, with reference number
- Age dating material sampling site, with reference number

GEOPHYSICAL ANOMALIES

- AM — Airborne magnetic anomaly
- Airborne electromagnetic anomaly
  Length of anomaly along flight line
- Airborne electromagnetic anomaly
  Location of anomaly along flight line
- Airborne electromagnetic anomaly
  Conductor axis: definite, probable, possible
- ARA — Airborne radiometric anomaly
- M — Ground magnetic anomaly
- VL — Ground electromagnetic anomaly
  (VL - Vertical loop; HL - Horizontal loop
  VLF - Very low freq.; Turam; JEM -
  Crone Em - 16)
- RA — Ground radiometric anomaly
- IP — Induced polarization anomaly

90°00'

52°30

Forester

Lake

Ontario

GEOLOG

FORES

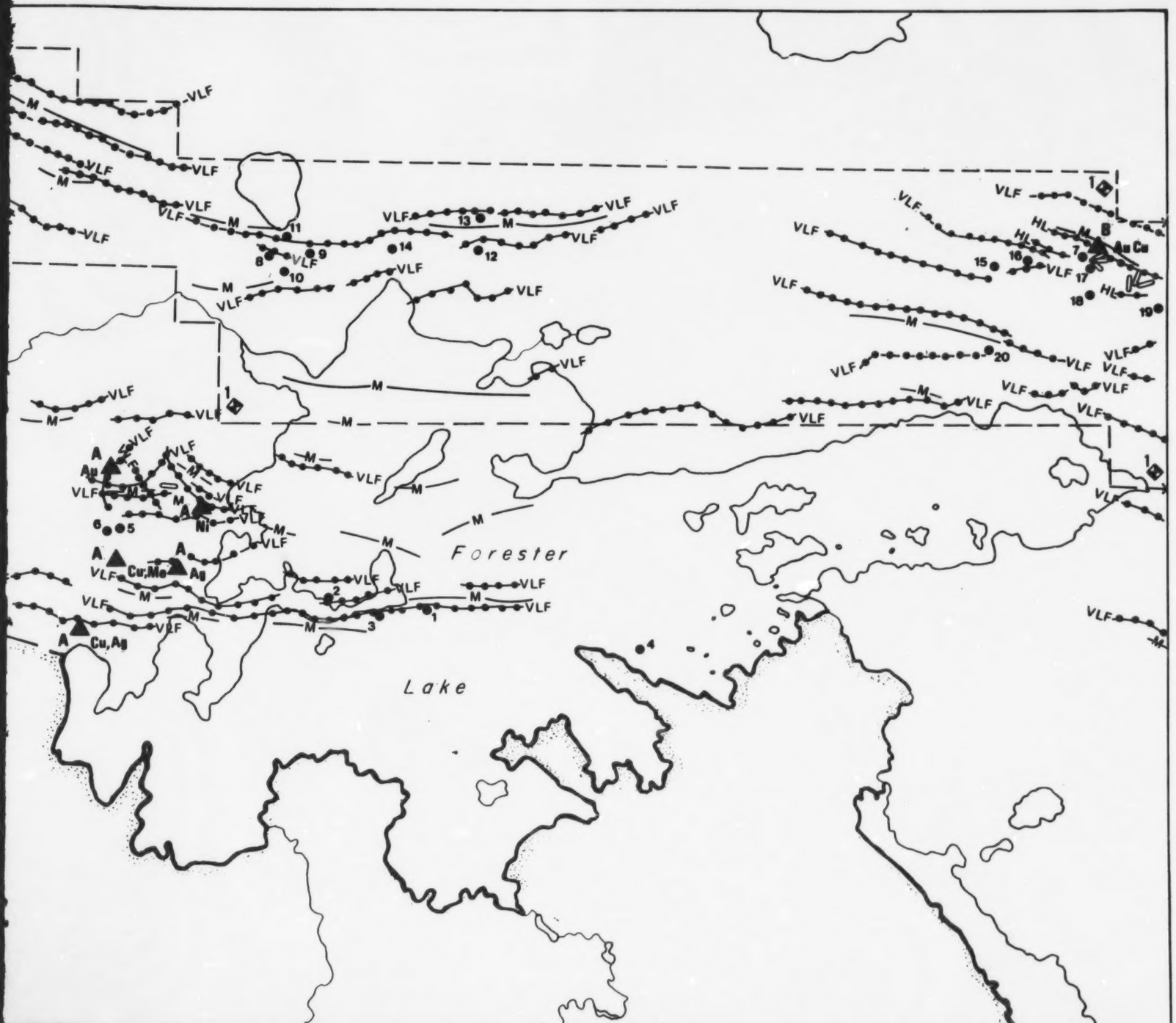
Kilometre

Mile 0.5

TYPES OF DAT

90°00'

52°30



Ministry of Northern Development and Mines

Mines and Minerals Division

Ontario

ONTARIO GEOLOGICAL SURVEY

EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 511

(Map 2 of 2)

FORESTER LAKE AREA

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- cp A. — Mineral occurrence at surface, with reference letter
- Au A. 84' — Mineral occurrence with shaft, depth given with reference letter

■ —M— Ground magnetic anomaly

■ —VL— Ground electromagnetic anomaly
(VL - Vertical loop; HL - Horizontal loop
VLF - Very low freq.; Turam; JEM -
Crone Em - 16)

□ —RA— Ground radiometric anomaly

□ —IP— Induced polarization anomaly

□ —SP— Self potential anomaly

□ —AFMAG— Audio-frequency magnetic anomaly
(total intensity)

□ —R— Resistivity anomaly

□ —GR— Gravity anomaly

MISCELLANEOUS DATA

■ Trenching, pit

□ Adit

□ Open pit

□ Rock quarry

□ Sand and/or gravel pit

□

NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.

52°22'30"

90°15'

52°22

90°00'

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- ■ cp A. — Mineral occurrence at surface, with reference letter
- □ Au A. 84' — Mineral occurrence with shaft, depth given with reference letter
- □ Ag A. — Mineral occurrence reported but exact location uncertain, with reference letter
- □ cp A. — Mineralized float with reference letter
- □ A. — Mineral occurrence in drillhole, with reference letter, and drillhole number

DRILLHOLES

- ■ ●² — Location of single drillhole, with reference number
- □ ◉² — Location of closely spaced group of drillholes, with reference number
- □ ?² — Drillhole, exact location uncertain, with reference number
- □ — Property with underground drillholes in this general area, with reference number
- □ ○² — Property with drillholes which have not been plotted on map, with reference number
- □ ⊕² — Reverse circulation drillhole; churn drilling, with reference number

52°22'30"

90°00'